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I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being faxed to 703-872-9306 on the date shown below to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Date: 1-23-04
Himanshu S. Amin4/A
CBama
4/29/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Applicant(s): Frederick M. Discenzo, *et al.*

Examiner: Carlos R. Ortiz Rodriguez

Serial No: 09/964,939

Art Unit: 2125

Filing Date: September 27, 2001

Title: SYSTEM AND METHOD FOR DYNAMIC MULTI-OBJECTIVE
OPTIMIZATION OF PUMPING SYSTEM OPERATION AND
DIAGNOSTICS

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

REPLY TO OFFICE ACTION DATED OCTOBER 31, 2003

Dear Sir:

Favorable reconsideration of the above-identified patent application is respectfully requested in view of the amendments and comments below.